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- (74) Common Representative: RANBAXY LABORATORIES LIMITED; c/o DESHMUKH, Jayadeep R., 600 College Road East, Suite 2100, Princeton, NJ 08540 (US).
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- (71) Applicant (*for all designated States except US*): RANBAXY LABORATORIES LIMITED [IN/IN]; 19, Nehru Place, 110 019 New Dehli, Delhi (IN).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): GOGIA, Mona [IN/IN]; * (IN). MATHUR, Rajeev, Shankar [IN/IN]; KD -66, A, Ashok Vihar Phase - 1, 110052 Delhi, Delhi (IN). SETHI, Sanjeev [IN/IN]; House No. 365, Sector 8, 121006 Faridabad (Haryana) (IN).
- Published:**
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: CONTROLLED RELEASE PHARMACEUTICAL COMPOSITIONS OF CARBIDOPA AND LEVODOPA

(57) Abstract: The present invention relates to controlled release pharmaceutical compositions of carbidopa and levodopa that include a combination of different molecular weight cellulose ethers and in particular, hydroxypropyl cellulose ether.



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INTERNATIONAL SEARCH REPORT

 Ir nal Application No
 PCT/03/01361

 A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A61K9/22 A61K31/195 A61P25/16 //(A61K31/195,31:195)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 91 16885 A (ALZA CORP) 14 November 1991 (1991-11-14) page 8, last paragraph page 9, line 19 - line 23 example 3	1, 2, 4, 8-17, 19-22, 24, 25
X	WO 01 19349 A (SEN HIMADRI ; RAMPAL ASHOK (IN); RANBAXY LAB LTD (IN); RAGHUVANSHI) 22 March 2001 (2001-03-22) page 3, line 14 - page 4, line 9 examples 1-5 --- -/--	1, 2, 4, 8-17, 19-22, 24, 25

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

3 July 2003

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Name and mailing address of the ISA

 European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

VON EGELKRAUT, S

INTERNATIONAL SEARCH REPORT

In International Application No
PCT/JP 03/01361

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, A	EP 1 262 198 A (PHARMA PASS S A) 4 December 2002 (2002-12-04) paragraph '0023! - paragraph '0026! example 1 ----	1-7
A	EP 0 413 061 A (ALZA CORP) 20 February 1991 (1991-02-20) column 5, line 1 - column 6, line 10 examples 1, 10-15 ----	1-26
A	EP 0 440 462 A (MERCK & CO INC) 7 August 1991 (1991-08-07) claims 1-7 ----	1-26
A	US 6 103 263 A (CHEN CHIH-MING ET AL) 15 August 2000 (2000-08-15) cited in the application column 1, line 54 - line 65 -----	1-26

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB 03/01361

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 21-26 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/01361

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